

OUT61889

SECRET 012129Z CITE [REDACTED] 0554

1967 MAY 1 21 35Z

25X

PRIORITY

25X

25X1

25X1

ATTN:

Declassification Review by NGA

SUBJ: EVALUATION OF MISSION C157C

1. CAMERA 229 WAS USED ON MISSION C157C FLOWN ON 3 APRIL 1967. PROCESSING WAS ACCOMPLISHED IN THE FIELD.

2. ORIGINAL NEGATIVE:

A. RESOLUTION AND DENSITY RANGE FROM GOOD TO POOR
BECAUSE OF ATMOSPHERIC CONDITIONS.

B. 9R SIDE: MINUS DENSITY DOTS LOCATED 3.5 INCHES IN FROM THE INBOARD EDGE AND 2.5 INCHES APART ARE PRESENT FOR APPROXIMATELY THE FIRST 75 FRAMES. PLUS DENSITY OVALS ARE PRESENT ON THE INBOARD EDGE THROUGHOUT. STARTING WITH FRAME 47 A REFLECTION OF THE FORMAT EDGE IS RECORDED IN THE FRAME FORMAT GIVING THE APPEARANCE OF A DOUBLE EXPOSURE. THIS PROBLEM CONTINUES TO THE END OF THE MISSION. MINUS DENSITY DOTS .75 INCH IN FROM THE OUTBOARD EDGE AND 1.7 INCHES APART ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. FRAME 888 HAS MINUS DENSITY MARKS RUNNING THE WIDTH OF THE FORMAT CAUSED BY A MANUFACTURER'S SPLICE BETWEEN FRAMES 890 AND 891. HEAT SPLICES ARE PRESENT BETWEEN FRAMES; 134/135, 543/544, 946/947, 1352/1353, 1758/1759 AND 2154/2155.

C. 9L SIDE: PLUS DENSITY OVALS, ASSOCIATED WITH ROLLER

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CHATTER ARE PRESENT ONE INCH IN FROM THE INBOARD EDGE THRU FRAME 250. HEAT SPLICES ARE PRESENT BETWEEN FRAMES; 132/133, 1235/1236, 1625/1626 AND 2025/2026. MANUFACTURER'S SPLICES ARE PRESENT IN FRAMES 594 AND 1379.

D. BOTH SIDES: PINHOLES ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. EDGE STATIC AND ROLLER CHATTER ARE PRESENT ON BOTH EDGES THROUGHOUT THE MISSION. THE DATA BLOCK IS DOUBLE EXPOSED AT CAMERA ON/OFF POSITIONS. THE LAST TITLED FRAME IS 2489. MODE ONE OF CAMERA OPERATION WAS UTILIZED THROUGHOUT THE MISSION. CYCLE RATE IS 4.5 SECONDS AND THE OVERLAP BETWEEN VERTICAL FRAMES IS APPROXIMATELY 60 PERCENT.

3. POSITIVE:

A. PI SUITABILITY IS GOOD TO FAIR BECAUSE OF ATMOSPHERIC CONDITIONS.

B. PRINTING AND PROCESSING ARE GOOD.

C. CLOUD COVER OBSCURED APPROXIMATELY 45 PERCENT OF THE MISSION.

S E C R E T

-END OF MESSAGE-

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